Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 14 Mar 2021 until 23:59 on Monday 15 Mar 2021

Forecast Issued on Saturday 13 Mar 2021 at 14:24

Confidence: High confidence for High pressure building over the next few days from the west but lower confidence in timings of weak weather fronts that will cross the Yorkshire Dales at times and how much cloud and rain will be associated with them. High confidence in fresh or strong Northwesterly winds throughout the forecast period.

Headline for Sunday 14 Mar 2021: Strong westerly winds with outbreaks of snow and sleet increasingly turning to rain.

Mountain weather hazards on Sunday 14 Mar 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Light snow showers	Sleet	Heavy Rain	Light rain	Cloudy
Precipitation probability							
10%	10%	10%	40%	40%	70%	50%	30%

Forecast for Sunday 14 Mar 2021

Weather: A few clear spells overnight but also one or two wintery showers. During the morning it will be a mixture of cloud and a few light showers, a period of more definite rain or sleet around lunchtime is likely and quite cloudy with this. Rain clears through in the afternoon and there should be some cloud breaks by dusk.

Chance of cloud free mountain/hill tops above 600m: 40%, cloud will lower below summits in showers and during rain in the morning, some good views from the tops at times.

Visibility: Cloud bases are likely to lower to 4-500m at times in showers and around 5-600m in rain around lunchtime and visibility below the cloud will also become moderate or poor for a time. Out with rain and showers there will be period when the cloud is well above the summits affording some views across the dales.

Forecast for Sunday 14 Mar 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/26 NW	22/31 W	22/32 W	22/32 W	28/40 W	19/28 W	22/40 W	17/26 W	16/25 NW
300	11/26 NW	14/31 W	13/30 W	14/30 W	17/33 W	13/29 SW	13/30 W	11/26 NW	11/25 NW
Valley	6/21 NW	8/23 W	8/23 W	13/27 W	13/28 W	9/21 W	11/27 W	8/24 NW	8/21 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	0/-6	0/-7	0/-6	1/-6	1/-5	1/-5	3/-3	3/-3	2/-4
300	2/-2	2/-3	2/-2	4/-1	4/-1	4/-1	5/1	5/1	4/0
Valley	3/0	3/0	4/1	5/1	6/2	5/2	7/4	6/3	5/3
Freezing Level*	600m	600m	700m	700m	700m	800m	1100m	1000m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Freezing level rising towards the summits with precipitation turning readily to sleet or rain rather than snow on the hill tops. Still a significant wind chill in the strong westerly winds, gales possible on the highest tops.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 13 Mar 2021	17.6mm	29mm	55.4mm

Forecast for Monday 15 Mar 2021

Weather: Some cloud breaks are likely overnight and during Monday morning. Cloud occasionally thickening enough to give a few spots of rain but there should also be some brighter or sunny spells during the day. More in the way of cloud later as rain spreads east during the evening.

Maximum wind: Northwesterly 15mph with gusts 25mph.

Chance of cloud free mountain/hill tops above 600m: 70%, cloud generally above the tops, perhaps later in the day cloud beginning to shroud the hill tops.

Visibility: Cloud bases will generally be above the tops however at times there will be patches of cloud around 700m and later in the day as a band of rain pushes in cloud will lower to 600m. Visibility will generally be good during the day with some views across to other tops.

Temperature: **Valleys:** Plus 3 rising to 7 Celsius.
At 600m: Plus 2 Celsius
Freezing level: Around 1000m